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B, inducing material, such as, but not limited to, hydroxyapatite or hydroxyapatite tricalcium phosphate or any other osteoconductive, osteoinductive, osteogenic, or other fusion enhancing material. The bone dowel of the present invention may be filled and/or coated with a chemical substance to inhibit scar formation.--

IN THE CLAIMS:

Please cancel claim 4 and amend claim 1 (with the changes as shown in the attachment) to read as follows:

- B1*
1. An interbody spinal implant for insertion at least in part into an implantation space formed across a disc space between adjacent vertebral bodies of a human spine and into at least a portion of the endplates of the vertebral bodies, said implant comprising:
- B2*
- a body having a leading end for insertion first into the disc space and a trailing end opposite said leading end;
 - opposite upper and lower surfaces adapted to be placed in contact with and to support the adjacent vertebral bodies, said upper and lower surfaces being arcuate;
 - an opening passing through said upper and lower surfaces for permitting for the growth of bone from adjacent vertebral body to adjacent vertebral body through said implant; and
 - said implant being manufactured from a composite of cortical bone particles and at least one bioresorbable material, said cortical bone particles and said at least one bioresorbable material being combined to form a machinable material from which said implant is manufactured.
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